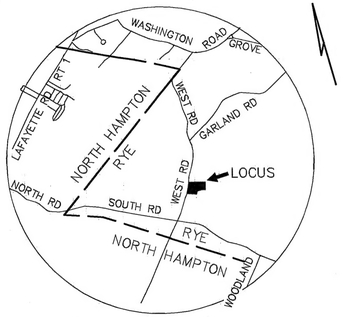
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET HUB ELEV 50.00

#2 TOP OF CUT OFF METAL POST EL 50.98

#3 BOT TRIM @ COR HSE EL 55.60

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 50.0
2. THIS IS APPROX 0.5' BELOW CURRENT (NOT ORIGINAL) GROUND ON THE HIGH CONTOUR OF THE DESIGNED EDS.

(ORIGINAL GROUND AT HIGH CONTOUR IS ASSUMED TO BE AT EL 50 OR LOWER, PROVIDING 2'–2.5' ABOVE ESHWT.)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50 (50) — EXISTING CONTOUR / PROPOSED CONTOUR

50.0 — EXISTING SPOT ELEVATION

(50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

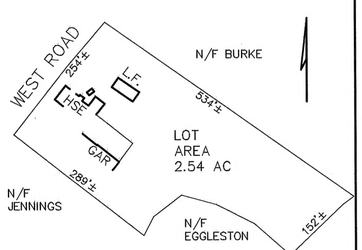
   RCRD PLAN D8316

2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 13625

3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.

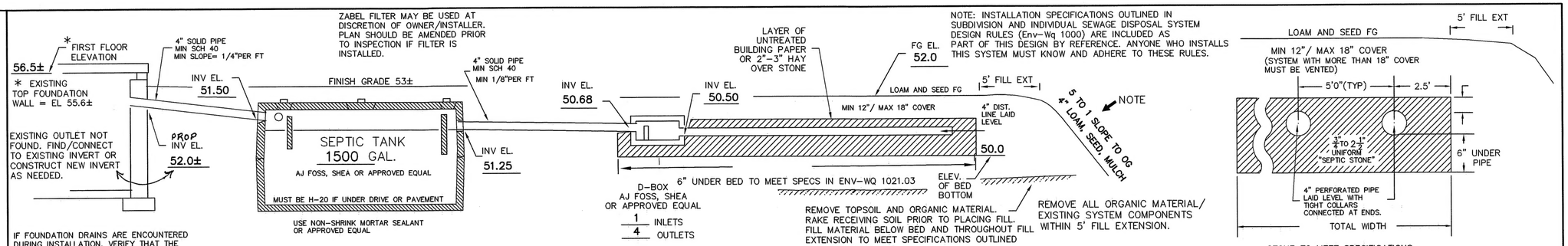
4. a) NO SURFACE WATER WITHIN 100'
   b) NO WELLS WITHIN 100'
   c) NO HYDRIC B SOILS WITHIN 100'
   d) NO HYDRIC A SOILS WITHIN 100'
   OF PROPOSED SYSTEM

5 DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.



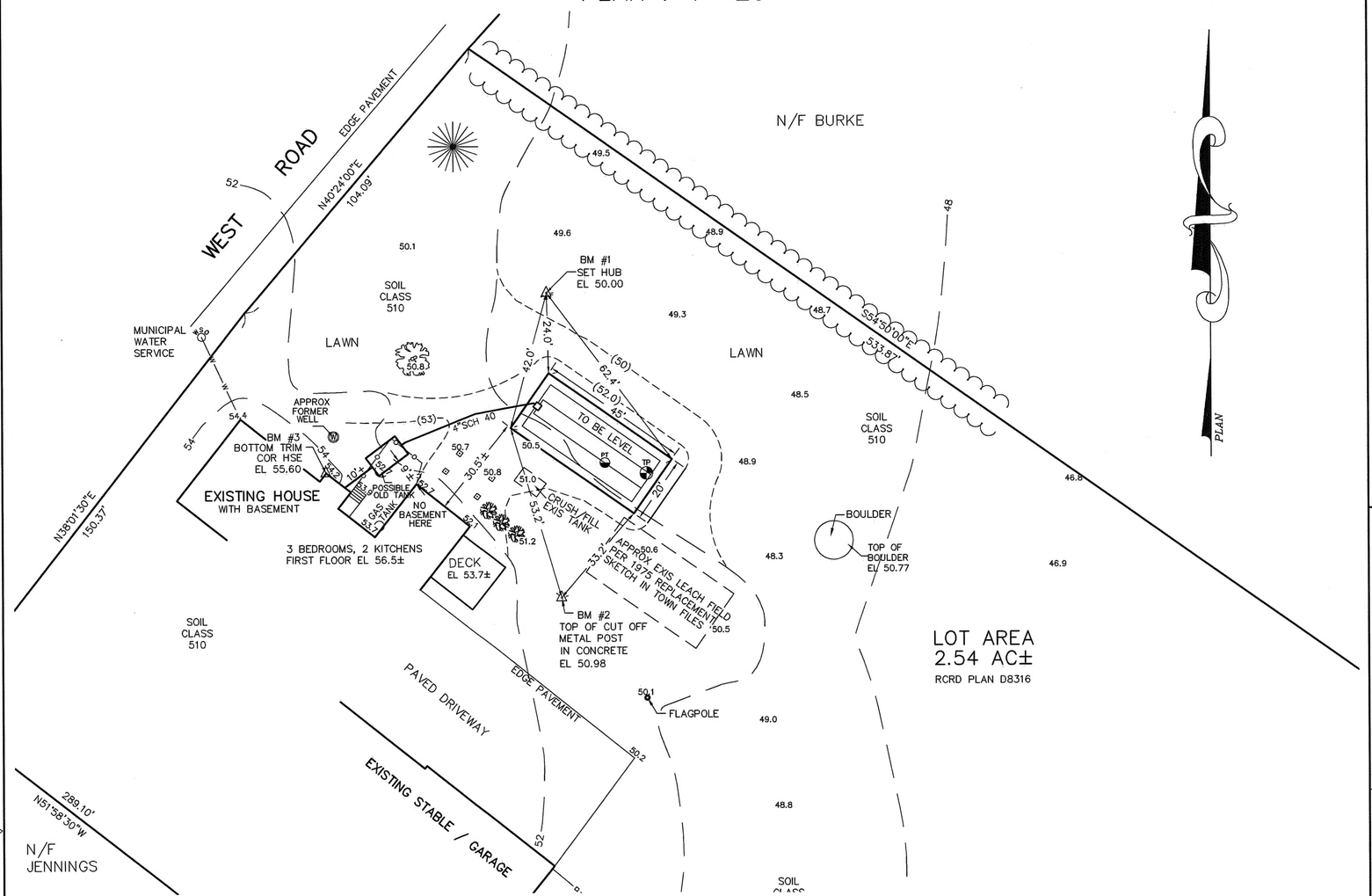
PLOT PLAN

1"=APPROX 150'



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: MARCH 18, 2009

TOWN INSPECTOR: DENNIS PLANT

TEST PIT #1 ELEVATION 49.5

0 –12"	10YR3/6 FINE SANDY LOAM TOPSOIL (TO BE REMOVED)
12–24"	10YR4/6 LOAMY FINE SAND, SOME SILTS GRANULAR FRIABLE
24–72"	2.5Y5/3 TO 5/4 SILTY FINE SANDY LOAM MASSIVE, FIRM IN PLACE, RESTRICTIVE

ESHWT @ 24", OBSERVED WATER @ 28"
NO REFUSAL

PT PERC TEST DATA

DATE 03–18–09

DESIGN PERC RATE: 8 MIN/IN DEPTH: 24"

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE

AREA REQUIRED: 750 SF REQUIRED FOR 3 BEDROOMS (ADD 15% SAFETY FACTOR FOR 2ND KITCHEN= 750 + 112 = 862 SF RECOMMENDED)

AREA PROPOSED: 20' x 45' = 900 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 310 WEST ROAD
RYE, NH

OWNER: EDWARD AND JANE IRELAND
310 WEST ROAD
RYE, NH 03870

NEW HAMPSHIRE Designer of Subsurface Disposal Systems — Ann W. Bielobrzeski No. 348 — Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: MARCH 31, 2009

APPROVAL: CAZ0090965I5